**SQE Project**

**Phase - 02**

**21L-5813\_Muhammad Ahmed Jalil**

**Section: BSE-5A**

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Here DEM stand for Display Error Message

**Decision Table for User/Admin Login:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Id** | **Scenario** | **Username** | **Password** | **Expected Outcome** | **Actual outcome** |
| 1 | Valid Credentials | Valid | Valid | Redirect to Homepage | Redirect to Homepage |
| 2 | Invalid Username | Invalid | Valid | DEM: Invalid Username | Display Error Page |
| 3 | Invalid Password | Valid | Invalid | DEM: Invalid Password | Display Error Page |
| 4 | Blank Username | Blank | Valid | DEM: Enter Username | Display Error Message |
| 5 | Blank Password | Valid | Blank | DEM: Enter Password | Display Error Message |
| 6 | Multiple Space Characters in Username | Space | Valid | DEM: Invalid Username | Display Error Page |
| 7 | Multiple Space Characters in Password | Valid | Space | DEM: Invalid Password | Display Error Page |
| 8 | Username with Uppercase Letters | UPPERCASE | Valid | DEM: Invalid Username | Display Error Page |
| 9 | Case Sensitivity in Username | CaSeSeNsItIvE | Valid | DEM: Invalid Username | Display Error Page |

**Decision Table for User Registration:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **ID** | **Scenario** | **Username** | **Email** | **Password** | **Address** | **Expected Outcome** | **Actual Outcome** |
| 1 | Valid Registration | Valid | Valid | Valid | Valid | Redirect to Homepage, Register User | Redirect to Homepage |
| 2 | Blank Username | Blank | Valid | Valid | Valid | DEM: Enter Password | Display Error Message |
| 3 | Blank Email | Valid | Blank | Valid | Valid | DEM: Enter Email | Display Error Message |
| 4 | Blank Password | Valid | Valid | Blank | Valid | DEM: Enter Password | Display Error Message |
| 5 | Blank Address | Valid | Valid | Valid | Blank | DEM: Enter Address | Display Error Message |
| 6 | Long Username | Long (more than max allowed) | Valid | Valid | Valid | DEM: Invalid Username | Register User |
| 7 | Short Username | Short (less than min allowed) | Valid | Valid | Valid | DEM: Invalid Username | Register User |
| 8 | Long Password | Valid | Valid | Long (more than max allowed) | Valid | DEM: Invalid Password | Register User |
| 9 | Short Password | Valid | Valid | Short (less than min allowed) | Valid | DEM: Invalid Password | Register User |
| 10 | Username with Special Characters | SpecialChars | Valid | Valid | Valid | Redirect to Homepage, Register User | Redirect to Homepage |
| 11 | Email with Special Characters | Valid | SpecialChars | Valid | Valid | Redirect to Homepage, Register User | Redirect to Homepage |
| 12 | Password with Special Characters | Valid | Valid | SpecialChars | Valid | Redirect to Homepage, Register User | Redirect to Homepage |
| 13 | Address with Special Characters | Valid | Valid | Valid | SpecialChars | Redirect to Homepage, Register User | Redirect to Homepage |
| 14 | Multiple Space Characters in Username | Space | Valid | Valid | Valid | DEM: Invalid Username | Register User |
| 15 | Multiple Space Characters in Email | Valid | Space | Valid | Valid | DEM: Invalid Username | Display Error Message |
| 16 | Multiple Space Characters in Password | Valid | Valid | Space | Valid | DEM: Invalid Password | Display Error Message |
| 17 | Multiple Space Characters in Address | Valid | Valid | Valid | Space | Redirect to Homepage, Register User | Redirect to Homepage |

**Decision Table for User Homepage:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Scenario** | **User Action** | **Expected Outcome** | **Actual Outcome** |
| 1 | View Profile | Click on "Profile" | View user profile | Error Page |
| 2 | Logout | Click on "Logout" | Logout user | Error Page |
| 3 | Add Item to Cart | Click on "Add to Cart" | Add item to the shopping cart | No Response |
| 4 | View Cart | Click on "Cart" | View items in the cart | No Response |
| 5 | Access Home | Click on "Home" | Navigate to the homepage | No Response |

**Decision Table for Admin Panel:**

| **ID** | **Scenario** | **Selected Section** | **Expected Outcome** | **Actual outcome** |
| --- | --- | --- | --- | --- |
| 1 | Categories Section | Click on "Categories" | View Categories Management | Display Categories Management |
| 2 | Products Section | Click on "Products" | View Products Management | Display Products Management |
| 3 | Customer Section | Click on "Customers" | View Customers Management | Display Customers Management |
| 4 | Logout | Click on logout button | Redirect to Admin Login | Redirect to User Login |
| 5 | HomePage | Click on Home button | Redirect to Admin HomePage | ErrorPage |

**Decision Table for Categories Section:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Scenario** | **User Action** | **Expected Outcome** | **Actual Outcome** |
| 1 | Add Category | Click on "Add Category" | Category added successfully | Add Category |
| 2 | Update Category | Click on "Update Category" | Category updated successfully | Update Category |
| 3 | Delete Category | Click on "Delete Category" | Category deleted successfully | No Response |
| 4 | Logout | Click on "Logout Button" | Click on logout button | Display Error Page |
| 5 | HomePage | Click on "Home Button" | Click on Home button | Display Error Page |

**Decision Table for Product Section:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Scenario** | **User Action** | **Expected Outcome** | **Actual OutCome** |
| 1 | Add Product | Click on "Add Product" | Product added successfully | Add Product |
| 2 | Update Product | Click on "Update Product" | Product updated successfully | Display Error Page |
| 3 | Delete Product | Click on "Delete Product" | Product deleted successfully | Delete Product |
| 4 | Logout | Click on "Logout Button" | Click on logout button | Display Error Page |
| 5 | HomePage | Click on "Home Button" | Click on Home button | Display Error Page |

**Decision Table for Customer Section:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Scenario** | **User Action** | **Expected Outcome** | **Actual OutCome** |
| 1 | Delete Customer | Click on "Delete Customer" | Customer Deleted successfully | No Action |
| 2 | Logout | Click on "Logout Button" | Click on logout button | Display Error Page |
| 3 | HomePage | Click on "Home Button" | Click on Home button | Display Error Page |